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(56) Documents cited

None

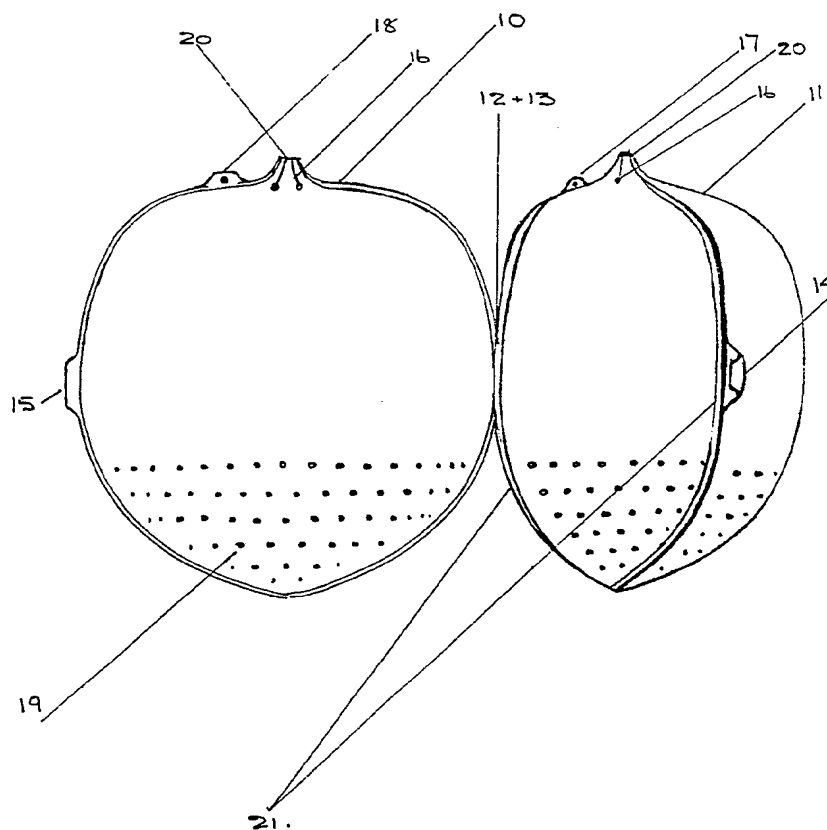
(58) Field of search

UK CL (Edition J) A1E, A1F
INT CL⁴ A01G

(54) Portable protective and ripening controller

(57) The protective ripening controller is a semi rigid transparent, ventilated, portable plastic container, shaped to the appropriate fruit or vegetable it comprises of two separate halves that are connected together at a hinge 12 and 13. The controller can be carried to the growing fruit or vegetable, which is then enclosed in the container, and clipped closed by 14 and 15.

FIG. 2

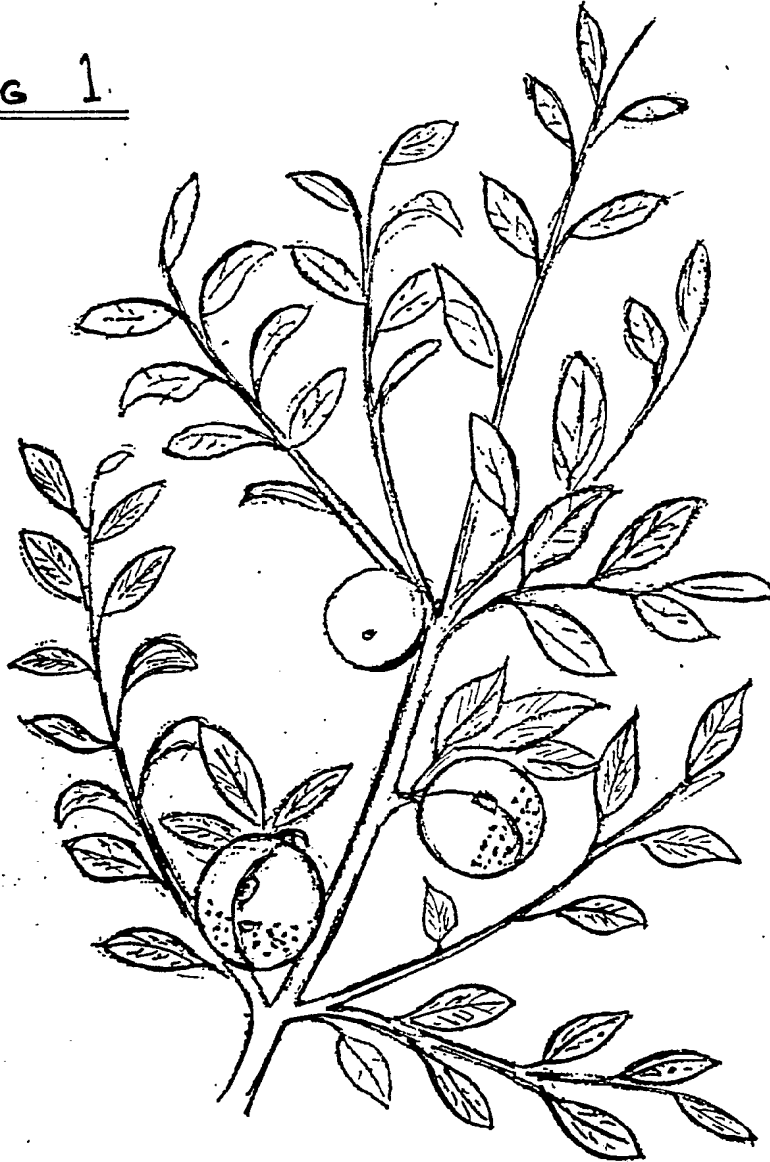


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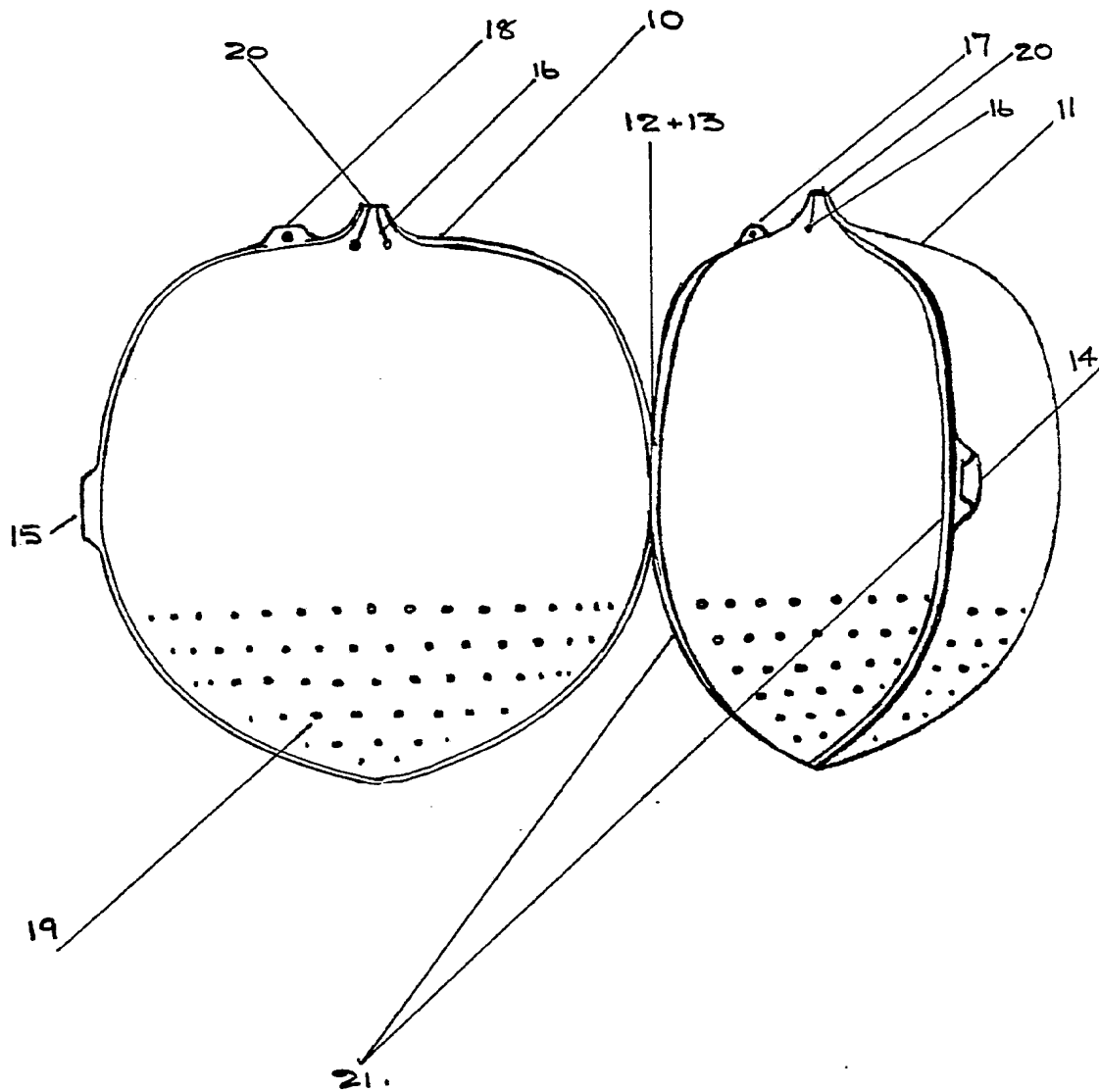
FIG 1.



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FIG. 2



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FIG 3

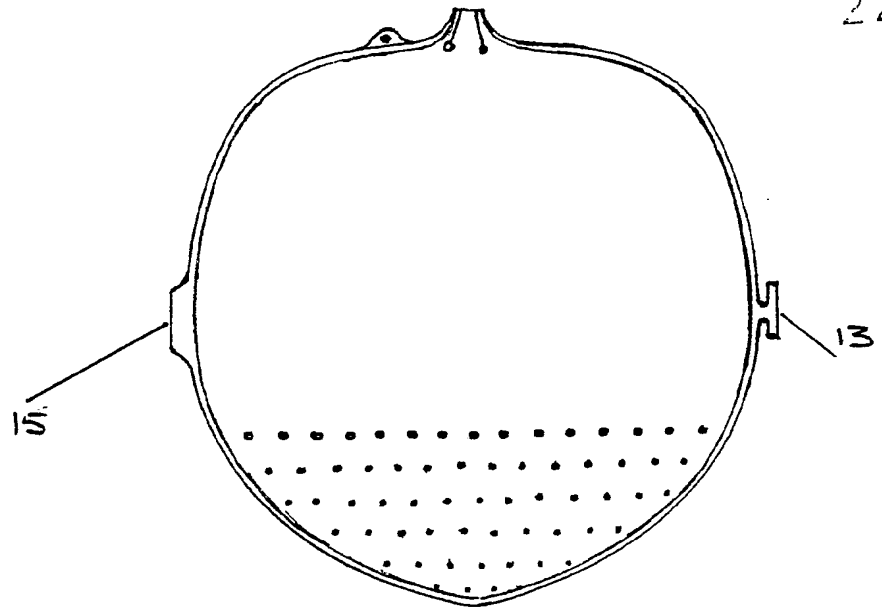
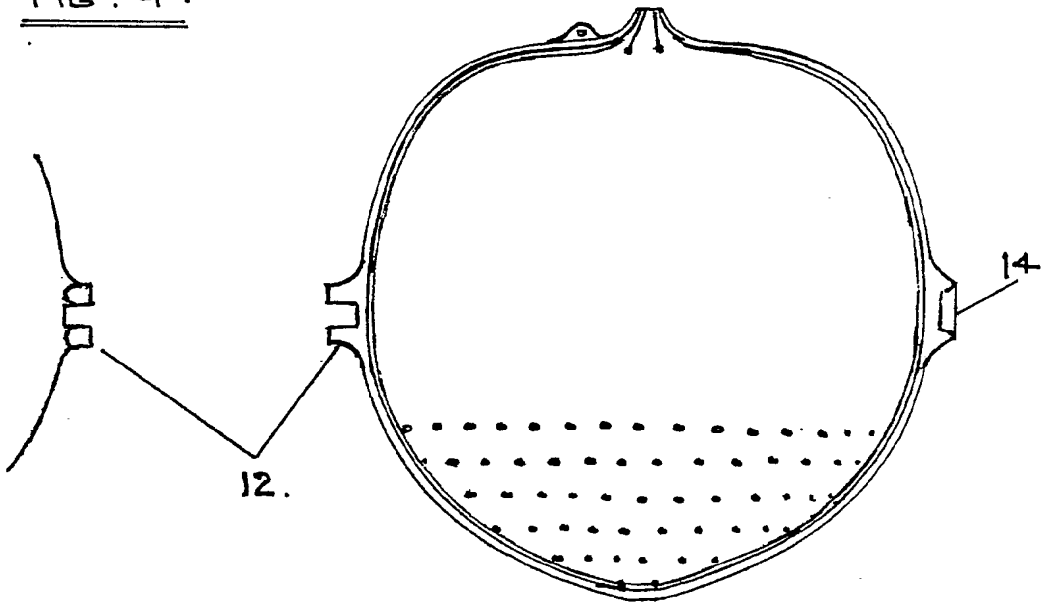


FIG. 4.



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FIG. 5 -

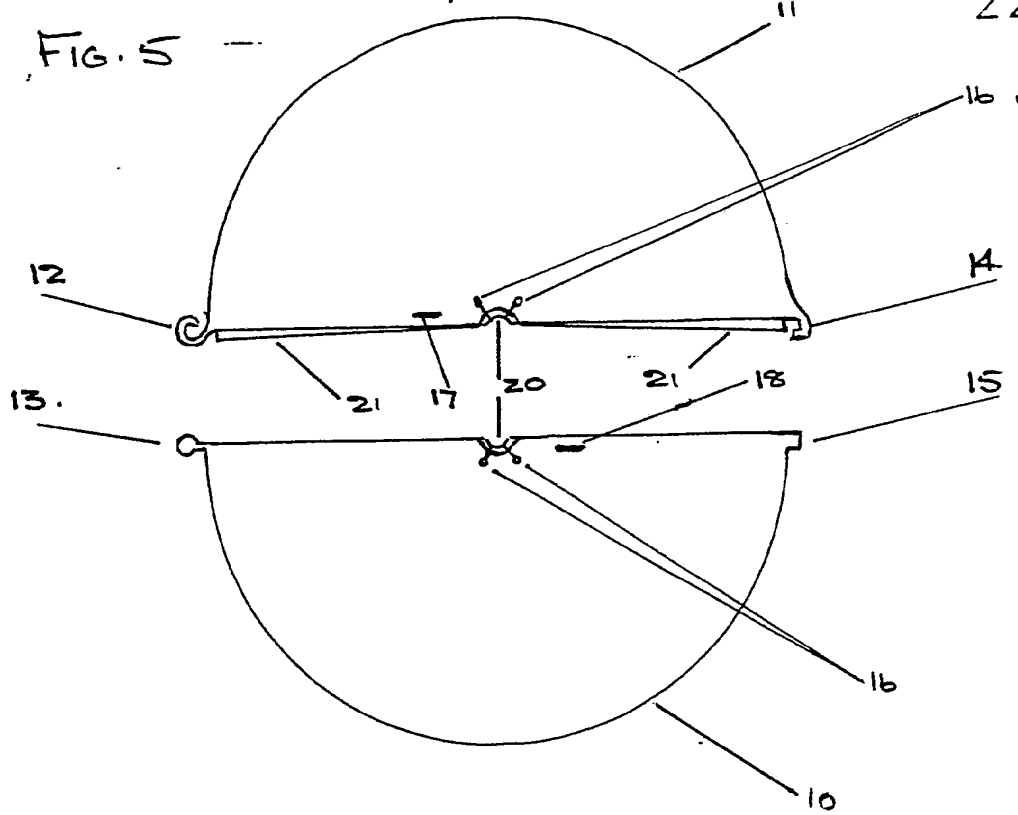
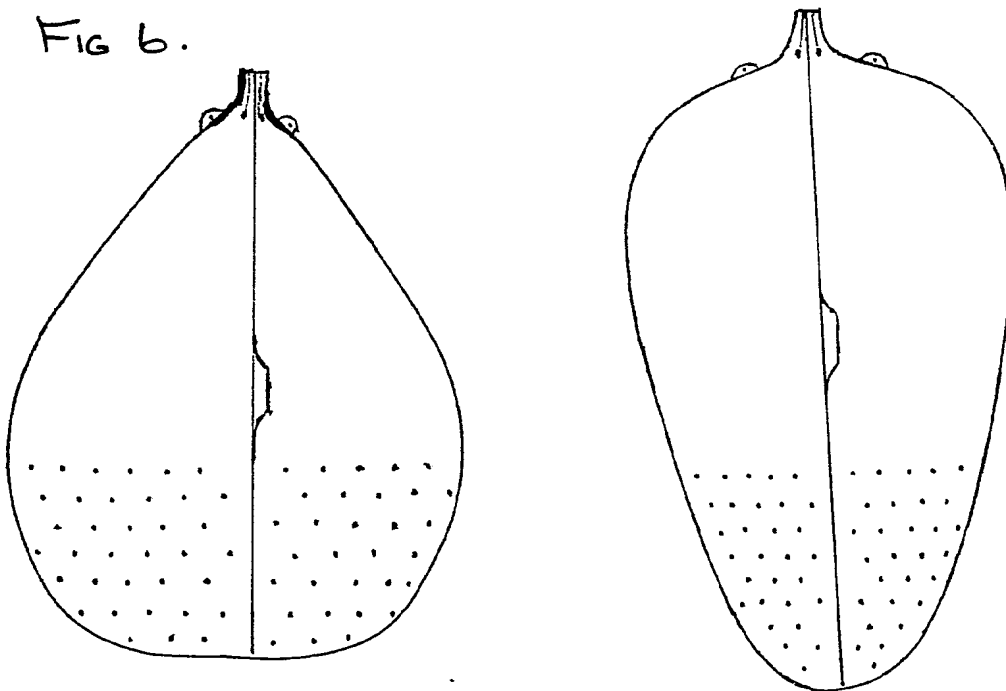


FIG 6.



PORTABLE PROTECTIVE AND RIPENING CONTROLLER.

THIS INVENTION RELATES TO AN INDIVIDUAL FRUIT AND VEGETABLE PROTECTIVE AND RIPENING CONTROLLER AND TRANSPORTER.

THIS INVENTION IS A MINIATURE INDIVIDUAL GREENHOUSE OR CLOCHE. GREENHOUSES AND CLOCHES ARE WELL KNOWN FOR CONTROLLING THE ENVIRONMENT AND AIDING THE GROWTH AND RIPENING OF FRUIT, VEGETABLES, FLOWERS AND PLANTS. OTHER BENEFITS ARE PROTECTION FROM ANIMALS, BIRDS, INSECTS, WEATHER, POLLUTION EG. DUST, DIRT, SPRAYS AND SMELLS.

THE MAIN BENEFIT OF THE INVENTION IS THAT IT MAY BE TAKEN TO THE INDIVIDUAL FRUIT, VEGETABLE OR FLOWER GROWING ON THE TREE, BUSH OR PLANT.

ACCORDING TO THE PRESENT INVENTION THERE IS PROVIDED A LIGHT WEIGHT SEMI RIGID PLASTIC CONTAINER IN THE SHAPE OF THE VEGETABLE OR FRUIT. DIVIDED INTO TWO HALVES WITH MEANS FOR OPENING AND SECURING CLOSED, WITH AN APERTURE AT ONE END FOR THE THE STALK, AT THE OPPOSITE END THERE ARE A SERIES OF HOLES FOR VENTILATION AND DRAINAGE.

A SPECIFIC EMBODIMENT OF THE INVENTION WILL NOW BE DESCRIBED BY WAY OF EXAMPLE WITH REFERENCE TO THE ACCOMPANYING DRAWINGS IN WHICH :-

FIGURE 1 ILLUSTRATES THE INVENTION IN POSITION ON A FRUIT TREE, BUSH OR PLANT.

FIGURE 2 ILLUSTRATES THE TWO HALVES OF THE INVENTION PARTLY OPENED.

FIGURE 3 ILLUSTRATES ONE HALF OF THE INVENTION VIEWED FROM THE CONCAVE SIDE.

FIGURE 4 ILLUSTRATES THE OPPOSITE HALF OF THE INVENTION VIEWED FROM THE CONCAVE SIDE AND THE REVERSE VIEW OF THE HOOKED HINGE.

FIGURE 5 ILLUSTRATES THE TWO HALVES VIEWED FROM THE TOP.

FIGURE 6 ILLUSTRATES THE INVENTION IN DIFFERENT SHAPES.

REFERRING TO THE DRAWING OF THE INVENTION, THIS COMPRISES OF TWO SEPERATE HALVES 10 AND 11 THAT CAN BE JOINED TOGETHER AT THE HINGE 12 AND 13 AND CAN CLIPPED TOGETHER AT THE CATCH 14 AND 15 ENCLOSING THE FRUIT, VEGETABLE OR FLOWER. AT ONE END WHEN THE TWO HALVES ARE CLOSED TOGETHER AN APERTURE 20 IS FORMED THIS IS FOR THE THE STEM OR STALK TO PASS FROM THE INSIDE TO THE OUTSIDE. THERE ARE FOUR SLOTS 16 AT THE APERTURE THESE ARE TO REDUCE PRESSURE ON THE STALK WHEN GROWTH TAKES PLACE.

IN THE OPPOSITE END THERE ARE A SERIES OF HOLES 19 THAT ARE FOR DRAINAGE OF WATER AND TO AID VENTILATION.

THERE ARE TWO EXTERNAL LUGS 17 AND 18 AT THE TOP TO ENABLE THE INVENTION TO BE TIED TO THE TREE OR BRANCH TO STOP THE FRUIT DROPPING WHEN RIPE.

WHEN THE TWO HALVES ARE CLOSED A SEAL IS FORMED BY AN EXTENSION 21 THAT FITS INSIDE THE OPPOSITE HALF 10.

WHEN THE FRUIT IS READY FOR STORAGE THE INVENTION CAN BE USED AND PLACED ON A RACK.

CLAIMS

1. A LIGHT WEIGHT SEMI RIGID TRANSPARENT, VENTILATED PLASTIC CONTAINER COMPRISING OF TWO HALVES THAT ARE HINGED AND WILL ENCLOSE THE FRUIT OR VEGETABLE AND CLIP CLOSED, MADE FROM A PLASTIC THAT WILL AID RIPENING AND PROTECT FROM DAMAGE.

2. A LIGHT WEIGHT SEMI RIGID TRANSPARENT PLASTIC CONTAINER AS DESCRIBED IN CLAIM 1 EACH HALF HAVING A RECESS AT THE TOP FOR THE STALK AND FOUR SLOTS TO EASE PRESSURE ON THE STALK.

3. A LIGHT WEIGHT SEMI RIGID TRANSPARENT CONTAINER AS DESCRIBED IN CLAIM 1 AND CLAIM 2 EACH HALF HAVING LUG WITH A HOLE IN IT TO SECURE THE CONTAINER TO THE TREE OR BUSH TO STOP THE FRUIT OR VEGETABLE FALLING.

4. A LIGHT WEIGHT SEMI RIGID TRANSPARENT CONTAINER AS DESCRIBED IN CLAIM 1 CLAIM 2 CLAIM 3 HAVING A HOOK AND ROD TYPE HINGE TO CONNECT THE TWO HALVES TOGETHER AND TO ENABLE THE TWO HALVES TO BE OPENED OR CLOSED.

5. A LIGHT WEIGHT SEMI RIGID TRANSPARENT CONTAINER AS DESCRIBED IN CLAIM 1 CLAIM 2 CLAIM 3 CLAIM 4 HAVING A CLIP TYPE FEATURE TO ALLOW THE CONTAINER TO BE OPENED AND CLOSED.

6. A LIGHT WEIGHT SEMI RIGID TRANSPARENT CONTAINER AS DESCRIBED IN CLAIM 1 CLAIM 2 CLAIM 3 CLAIM 4 CLAIM 5 HAVING A SERIES OF HOLES AT THE LOWER HALF OF EACH HALF TO AID VENTILATION AND DRAINAGE.

7. A LIGHT WEIGHT SEMI RIGID TRANSPARENT CONTAINER AS DESCRIBED IN CLAIMS 1 CLAIM 2 CLAIM 3 CLAIM 4 CLAIM 5 CLAIM 6 ONE HALF HAVING AN EXTENSION TO SIT INSIDE OF THE OPPOSITE HALF TO MAKE A SEAL.

8. A LIGHT WEIGHT SEMI RIGID TRANSPARENT CONTAINER AS DESCRIBED IN HEREIN WITH REFERENCE TO FIG 1 FIG 2 FIG 3 FIG 4 FIG 5 FIG 6 IN THE ACCOMPANYING DRAWING.